Meeting Introduction

EID	**(12V)194532636**
Orig. Part No.	**(1P)1234**
Serial No.	**(S)786950**

Greg Kilchenstein, OADUSD (MR&MP)

ADUSD(MR&MP) UID IPT Meeting
2-3 June, 2005

Topics

- Review of 23 February 2005 Depot Maintenance UID Off-Site
- Purpose and Expected Outcomes of this Meeting
- Near-term Actions and Milestones

Topics

- Review of 23 February 2005 Depot Maintenance UID Off-Site
- Purpose and Expected Outcomes of this Meeting
- Near-term Actions and Milestones

Goals & Objectives of our 23 February Depot UID Off-Site

- **Goal**: Achieve common understanding and shared expectations of the UID parts marking and data management responsibilities which have been assigned, or will be assigned to our organic depots.

- **Objective**: Standardize as much UID implementation strategy as makes sense, avoiding duplication of effort and redundant investment.

- **Expected Meeting Outcome**: Achieve consensus on the preferred alternative for meeting key UID responsibilities, in particular:
  1. *Funding UID implementation and employment,*
  2. *Roles & responsibilities of the cognizant Program Manager/Item Manager,*
  3. *Business rules for engineering involvement in direct parts marking at the organic depots, and*
  4. *Processes for UID data transaction and data management, to include SNT/SIM.*

Funding UID Implementation and Employment
Depot Community Recommendations

- Non-recurring investment in Depot capability establishment = Program Office funding
  - Includes parts marking equipment & initial training
  - Includes UID data processing/data management AIS procurement/upgrade
  - Does not include facilities upgrade or MILCON
- Recurring cost of engineering support to parts marking = Program Office funding
  - Approving marking method (label or DPM)
  - Approving marking location
  - Approving marking technology
  - Maintaining drawings & technical documentation
- Recurring cost of marking parts and obtaining & transacting UID data = Depot funding (UID labor & materiel added to the current cost of item repair/rework IAW change to item rework SPEC)*
- Recurring cost of analyzing UID data in search of opportunities to improve materiel readiness and/or reduce sustainment cost = Program Office funding
- Non-recurring investment in process improvements required to actually improve materiel readiness and/or reduce sustainment cost = Depot funding for Depot processes; Program Office funding for reliability improvement and non-depot sustainment processes

* Army disagrees; feels all UID funding is PMO responsibility

Roles & Responsibilities of the Cognizant PMO

Depot Community Recommendations

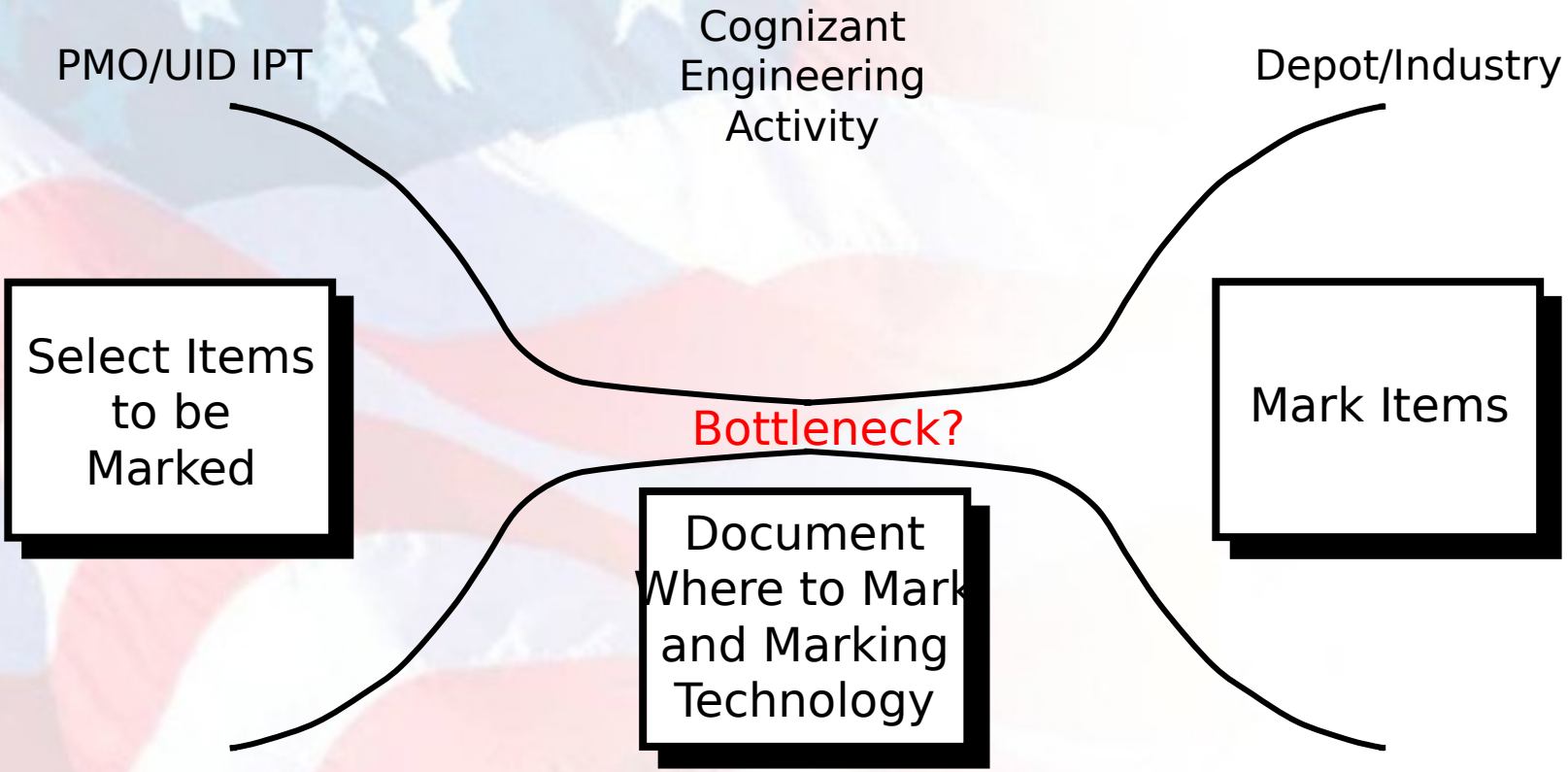
- Lead the program - charter a Weapon System UID IPT to manage implementation and employment of parts marking capability for legacy personal property items
  - Cross-functional membership includes strong depot representation
  - IPT recommendations subject to PM/IM approval
- Identify which items to mark
  - UID IPT recommendations germane
- Plan for UID marking capability establishment and prioritize marking schedule
  - UID IPT recommendations germane
  - Publish plans IAW USD(AT&L) schedule
- Budget for UID investment costs and recurring engineering support costs
- Analyzing UID data in search of opportunities to improve weapon system readiness and/or reduce sustainment cost
  - Weapon System Serialized Item Management Program IAW DoDI 5000.2 & DoDD 4151.18
- Budget for and implement process improvements required to actually improve weapon system readiness and/or reduce sustainment cost
  - Equipment reliability improvement modifications
  - Non-depot process improvements (cycle-time reduction, etc.)
    - Depot process improvements will be budgeted/implemented by the depots

Business Rules for Engineering Involvement in Direct Parts Marking at the Organic Depots
Depot Community Recommendations

- Current Technical Authority (TA) is in charge of DPM technology selection and mark location
  - "Technical authority" defined as the individual who has control of the drawings
    - May be organic or commercial (e.g., OEM); MUST be unique (only one TA per item)
- Engineering support to UID parts marking will be tasked/funded by PMO
  - Based on request for engineering analysis from depot or other marking activity
- Authority to directly apply a UID mark to an item (or identical population of items) will be documented by the engineering support activity prior to parts marking, and will be accompanied by a drawing update or other formal configuration change management document approved by the PMO.
- Approved DPM process and mark location for identical legacy items must be adhered to by all marking activities (only one way of marking a specific item)
  - Newly manufactured item (e.g., spares reprocurement)
  - Reworked item (depot-level overhaul)
  - Repaired item (I-level repair)

Business Rules for Engineering Involvement in Direct Parts Marking at the Organic Depots
Depot Community Recommendations (cont.)

- Legacy UID DPM engineering support authority may be delegated by the Technical Authority of record to a qualified alternate if the primary TA is unable to provide the support required (e.g., Engineering Field Activity funds OEM to support depot).



Processes for UID Data Transaction and Data Management
Depot Community Recommendations

- "Organizations assigning or marking UIIs for legacy items shall report descriptive data (e.g., UII, item description, current part number), parent UII (where applicable), and marking data to the UID Registry"
  - Depots must collect & transact UID data for the parts they mark
- Manual entry of legacy UID data will be avoided wherever possible
  - Automated data transaction systems such as Wide Area Workflow (WAWF) shall be used by the organic DoD Depots to communicate with the UID Registry
  - UID data compiled on legacy parts marked by the depots will be retained locally until WAWF is available; manual work-arounds will not be employed
  - Legacy UID data submission to data bases other than the UID Registry will be automated if possible
- Over time, legacy parts marked by the depot or another marking activity will be returned to the depot for repair/rework. The depot shall have the capability to scan the UII, retrieve current pedigree data from the UID Registry and other DSS data bases, update the data IAW OSD UID policy and PMO SIM procedures, and repost the updated data to its designated repository.
- Legacy item pedigree data used to evaluate item sustainment performance (planned vs. actual reliability, planned vs. actual repair cycle time, etc.) will be managed by the PMO. Data management responsibility may be delegated to an In-service Support Activity (ISSA) at the depot or elsewhere.

Summary of 23 Feb 2005 Depot UID Off-Site Depot Community Recommendations

• Assign management responsibilities & delegate authority	PMO
• Identify which items need to be marked	PMO
• Plan and budget for UID marking capability	PMO/Depot
• Develop the capability to mark items	Depot
• Determine where and how to apply the UID mark	Cog. TA
• Mark designated items	Depot
• Obtain UID data for each individual item marked	Depot
• Transact data to the UID Registry and other DSSs	Depot
• Do something with the mark (to generate an ROI)	PMO/Depot

Topics

- Review of 23 February 2005 Depot Maintenance UID Off-Site
- Purpose and Expected Outcomes of this Meeting
- Near-term Actions and Milestones

Goals & Objectives of this 2-3 June 2005 UID IPT Meeting

- **Goal**: Continue to build consensus on roles and responsibilities and a near-term POA&M for implementing UID within the DoD maintenance enterprise.

- **Objectives**:
  - Gain insight into Service strategies for complying with UID policy within the maintenance enterprise.
  - Share expectations regarding the capabilities which must be demonstrated before a depot may legitimately declare UID IOC or FOC.
  - Review the initial release of the DoD UID Implementation Plan for Maintenance Depots. Decide on next steps.
  - Obtain approval for a new Charter for the UID IPT.

- **Expected Meeting Outcome**: List of actions that will be taken in the next 120 days - by whom? – completed when?

Topics

- Review of 23 February 2005 Depot Maintenance UID Off-Site
- Purpose and Expected Outcomes of this Meeting
- Near-term Actions and Milestones

Near-Term Actions & Milestones

USD(AT&L) Policy Memo 23 December, 2004

Milestone	Responsibility	Q1 FY05	Q2 FY05	Q3 FY05	Q4 FY05	FY06	FY07	FY08	FY09	FY10	FY11
Quality Assurance Plan for UID	DCMA		Jan-05								
OSD UID Budget Guidance to Components	OSD AT&L			Apr-05							
Legacy UID Implementation Plan for DoD Depots	OSD L&MR			May-05							
UID Program Plans (ACAT 1D)	Pgm Mgr			Jun-05							
IOC Legacy Marking Capability at Pilot Organic Depots	Military Departments				Jul-05						
FOC UID CONOPS for DoD Maintenance	OSD L&MR					Dec-05					
UID Program Plans (All Programs)	Pgm Mgr/Item Mgr					Jan-06					
All GFE Meets UID Policy Requirements	Pgm Mgr/Item Mgr					Jan-06					
All Existing Serialized Assets Entered in UID Registry	Pgm Mgr/Item Mgr						Sep-07				
FOC Legacy Marking Capability at All Organic Depots	Military Departments						Sep-07				
Complete UID Marking of All Legacy Items	Pgm Mgr/Item Mgr										Dec-10

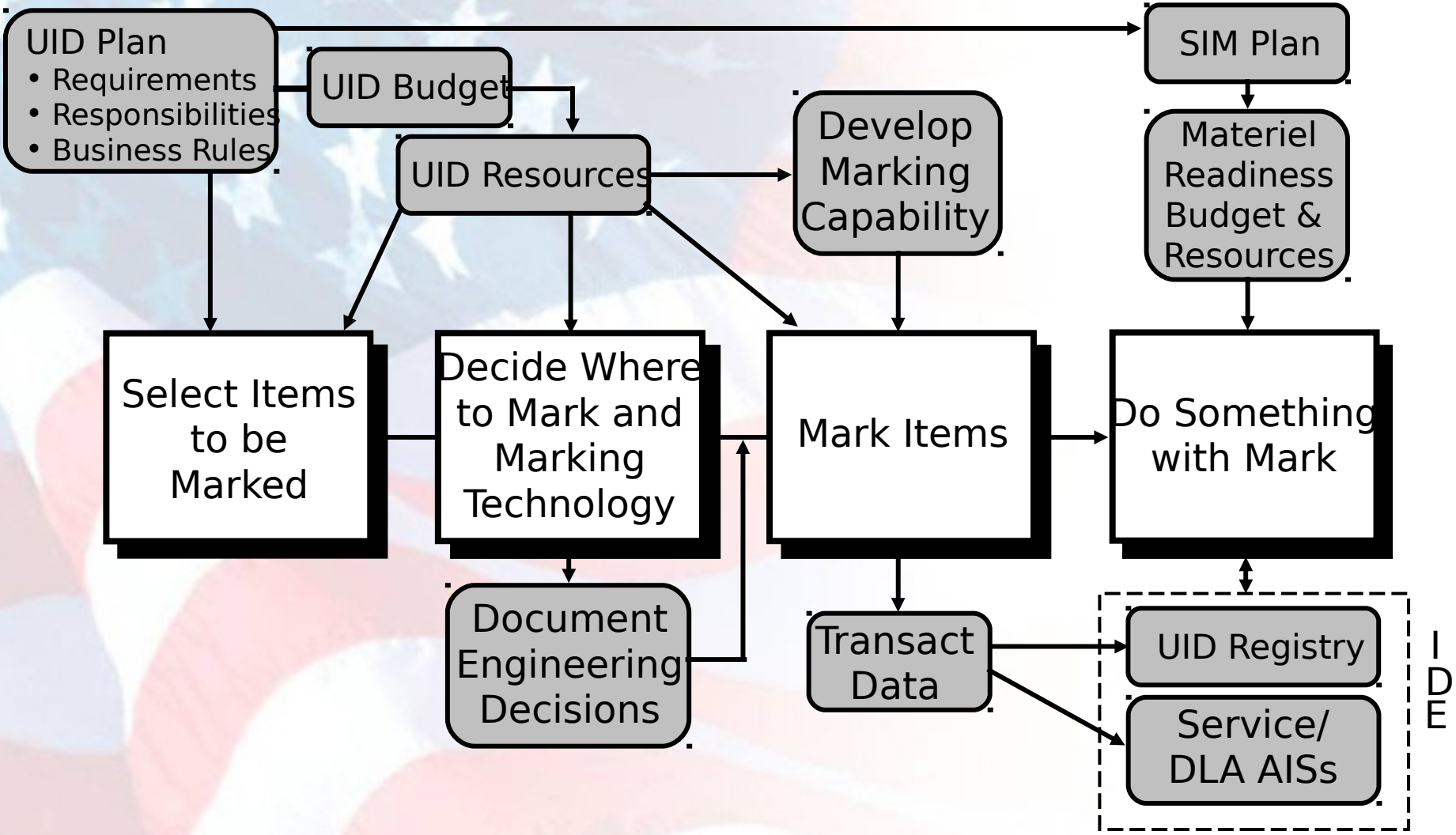
= Program Office Plans

= Maintenance Community Plans

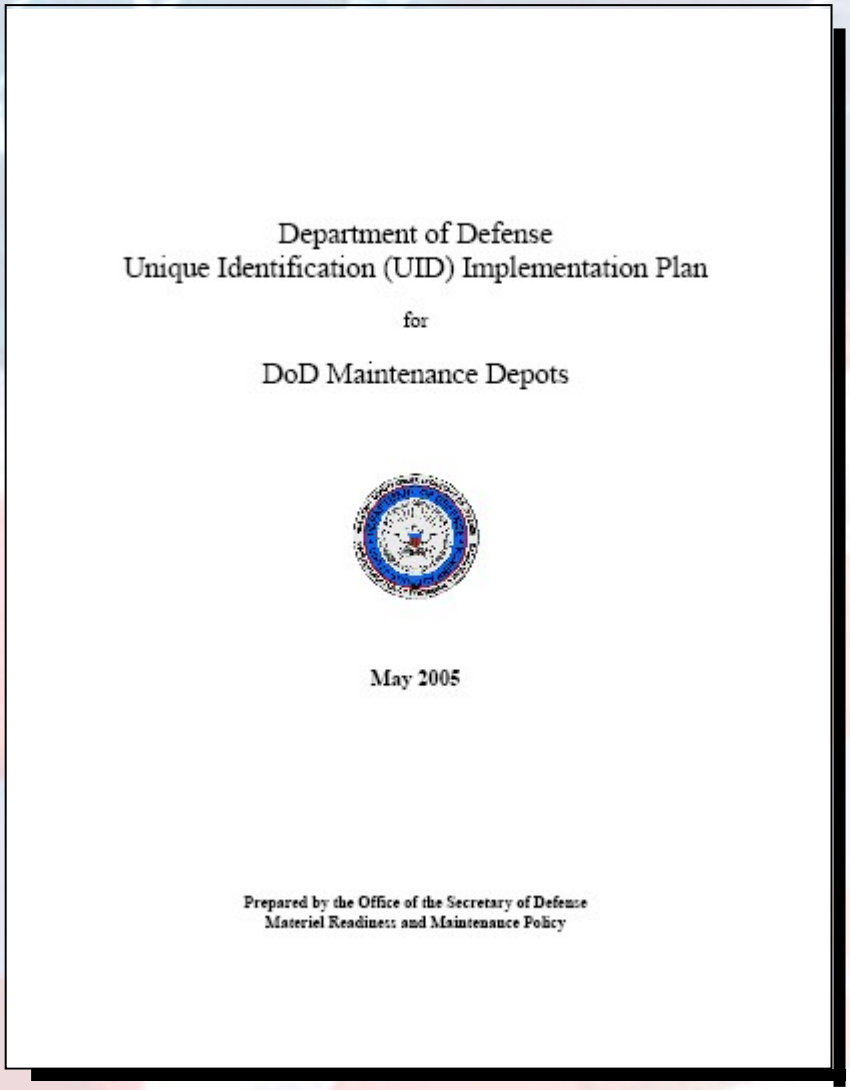
UID Implementation Plan for DoD Maintenance Depots

- Assign management responsibilities & delegate authority
- Identify which items need to be marked
- Plan and budget for UID marking capability
- Develop the capability to mark items
- Determine where and how to apply the UID mark
- Mark designated items
- Obtain UID data for each individual item marked
- Transact data to the UID Registry and other DSSs
- Do something with the mark (to generate an ROI)

UID Implementation Plan for DoD Maintenance Depots



UID Implementation Plan for DoD Maintenance Depots



Department of Defense
Unique Identification (UID) Implementation Plan

for

DoD Maintenance Depots

May 2005

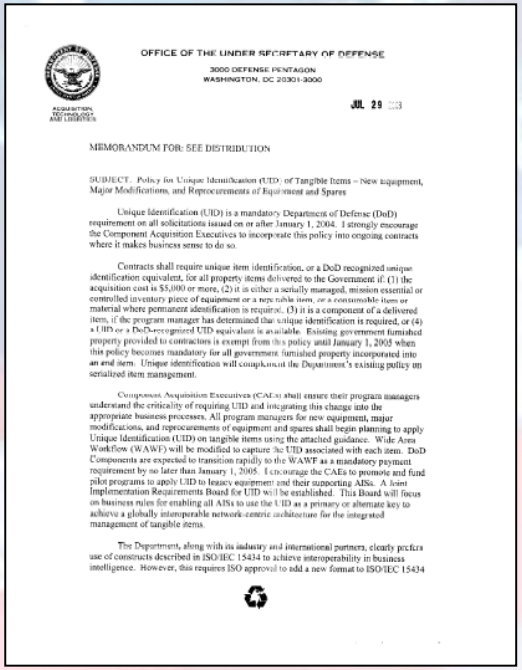
Prepared by the Office of the Secretary of Defense
Materiel Readiness and Maintenance Policy

...detailed discussion this afternoon

Back-up Slides

Two UID "PPE Populations": New Tangible Items & Legacy Items

USD(AT&L) Policy Memo 29 July, 2003



OFFICE OF THE UNDER SECRETARY OF DEFENSE
3000 DEFENSE PENTAGON
WASHINGTON, DC 20301-3000

JUL 29

MEMORANDUM FOR: SEE DISTRIBUTION

SUBJECT: Policy for Unique Identification (UID) of Tangible Items – New Equipment, Major Modifications, and Reprocurements of Equipment and Spares

Unique Identification (UID) is a mandatory Department of Defense (DoD) requirement on all solicitations issued on or after January 1, 2004. I strongly encourage the Component Acquisition Executives to incorporate this policy into ongoing contracts where it makes business sense to do so.

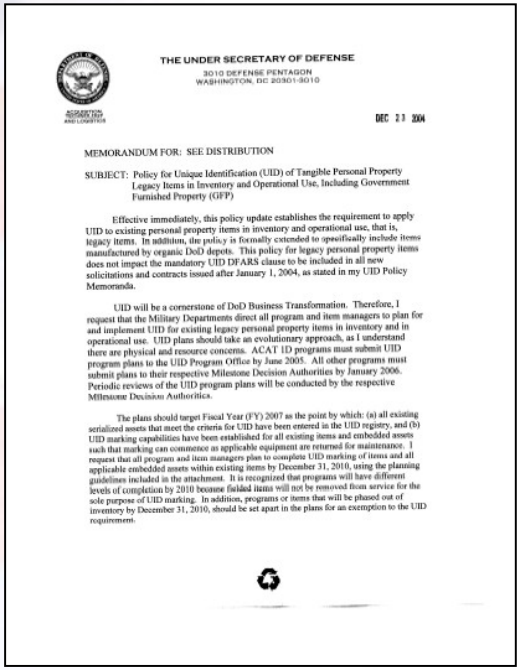
Contracts shall require unique item identification, or a DoD recognized unique identification equivalent, for all property items delivered to the Government if: (1) the acquisition cost is $5,000 or more, (2) it is either a serially managed, mission essential or controlled inventory piece of equipment or a reparable item, or a consumable item or material where permanent identification is required, (3) it is a component of a delivered item, if the program manager has determined that unique identification is required, or (4) a UID or a DoD-recognized UID equivalent is available. Existing government furnished property provided to contractors is exempt from this policy until January 1, 2005 when this policy becomes mandatory for all government furnished property incorporated into an end item. Unique identification will complement the Department's existing policy on serialized item management.

Component Acquisition Executives (CAEs) shall ensure their program managers understand the criticality of requiring UID and integrating this change into the appropriate business processes. All program managers for new equipment, major modifications, and reprocurements of equipment and spares shall begin planning to apply Unique Identification (UID) on tangible items using the attached guidance. Wide Area Workflow (WAWF) will be modified to capture the UID associated with each item. DoD Components are expected to transition rapidly to the WAWF as a mandatory payment requirement by no later than January 1, 2005. I encourage the CAEs to promote and fund pilot programs to apply UID to legacy equipment and their supporting AISs. A Joint Implementation Requirements Board for UID will be established. This Board will focus on business rules for enabling all AISs to use the UID as a primary or alternate key to achieve a globally interoperable network-centric architecture for the integrated management of tangible items.

The Department, along with its industry and international partners, clearly prefers use of constructs described in ISO/IEC 15434 to achieve interoperability in business intelligence. However, this requires ISO approval to add a new format to ISO/IEC 15434

- New tangible items
  - Begin NLT 1 Jan 2004
    - commercial purchases
  - Begin NLT 1 Jan 2005
    - depot manufactured items

USD(AT&L) Policy Memo 23 December, 2004



THE UNDER SECRETARY OF DEFENSE
3010 DEFENSE PENTAGON
WASHINGTON, DC 20301-3010

DEC 23 2004

MEMORANDUM FOR: SEE DISTRIBUTION

SUBJECT: Policy for Unique Identification (UID) of Tangible Personal Property Legacy Items in Inventory and Operational Use, Including Government Furnished Property (GFP)

Effective immediately, this policy update establishes the requirement to apply UID to existing personal property items in inventory and operational use, that is, legacy items. In addition, the policy is formally extended to specifically include items manufactured by organic DoD depots. This policy for legacy personal property items does not impact the mandatory UID DFARS clause to be included in all new solicitations and contracts issued after January 1, 2004, as stated in my UID Policy Memoranda.

UID will be a cornerstone of DoD Business Transformation. Therefore, I request that the Military Departments direct all program and item managers to plan for and implement UID for existing legacy personal property items in inventory and in operational use. UID plans should take an evolutionary approach, as I understand there are physical and resource concerns. ACAT ID programs must submit UID program plans to the UID Program Office by June 2005. All other programs must submit plans to their respective Milestone Decision Authorities by January 2006. Periodic reviews of the UID program plans will be conducted by the respective Milestone Decision Authorities.

The plans should target Fiscal Year (FY) 2007 as the point by which: (a) all existing serialized assets that meet the criteria for UID have been entered in the UID registry, and (b) UID marking capabilities have been established for all existing items and embedded assets such that marking can commence as applicable equipment are returned for maintenance. I request that all program and item managers plan to complete UID marking of items and all applicable embedded assets within existing items by December 31, 2010, using the planning guidelines included in the attachment. It is recognized that programs will have different levels of completion by 2010 because fielded items will not be removed from service for the sole purpose of UID marking. In addition, programs or items that will be phased out of inventory by December 31, 2010, should be set apart in the plans for an exemption to the UID requirement.

- Legacy items in inventory
  - IOC Jul 2005
    - pilot depots
  - Complete NLT Sep 2007
    - all existing serialized items
  - Complete all items NLT Dec 2010

Strategic Plan

Data Is Required for Informed Decision Making

OSD and DoD Components

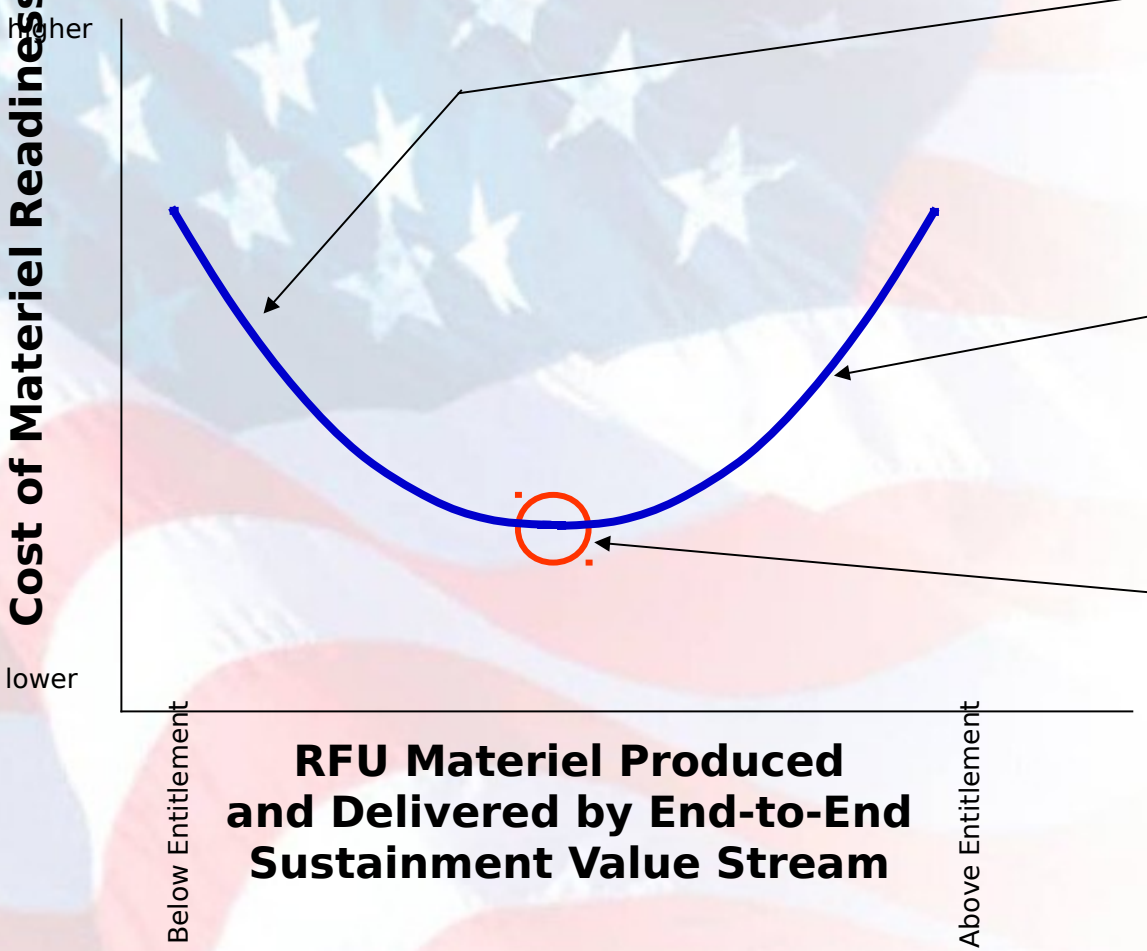
- Document mission-based materiel readiness requirements
- Resource to efficiently achieve and sustain planned materiel availability in support of required readiness
- Evaluate the performance of the sustainment value chain
- If performance matches plan, seek to reduce the cost of sustainment; if performance is below plan, seek to increase value chain performance

Five Pillars for Sustaining Materiel Readiness

- Policy
- Measuring materiel readiness
- Optimizing materiel reliability
- Optimizing sustainment turnaround time/cycle time
- Balancing resources

UID/SIM enables this!

Optimizing Sustainment Costs
How much should Materiel Readiness cost?



Insufficient Sustainment Production
(excess materiel replacement cost)

Excess Sustainment Production
(excess infrastructure cost)

Balanced Sustainment Production
(production rate balanced with demand = **"should cost"**)